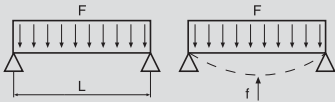
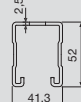
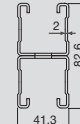


Technical data for channel profile MQ (max. load/deflection at uniform distributed load)

										
	Max. load F [kN]/ deflection f [mm], max. L/200 at uniform distributed load									
	MQ-21-RA2 MQ-21-R		MQ-41-RA2 MQ-41-R		MQ-52-R		MQ-21D-RA2 MQ-21D-R		MQ-41D-R	
span width L [cm]	F	f	F	f	F	f	F	f	F	f
25	4.30	0.4	12.95	0.2	22.71	0.2	12.18	0.2	35.56	0.1
50	2.14	1.7	6.47	0.9	11.34	0.7	6.08	0.9	19.51	0.5
75	1.37	3.8	4.30	2.0	7.55	1.7	4.04	2.1	12.99	1.1
100	0.76	5.0	3.22	3.6	5.65	3.0	3.02	3.8	9.72	2.0
125	0.48	6.3	2.57	5.6	4.51	4.7	2.40	5.9	7.76	3.1
150	0.32	7.5	1.98	7.5	3.74	6.7	1.75	7.5	6.45	4.4
175	0.23	8.8	1.44	8.8	3.06	8.8	1.27	8.8	5.51	6.0
200	0.17	10.0	1.09	10.0	2.32	10.0	0.95	10.0	4.80	7.9
225	0.12	11.3	0.85	11.3	1.82	11.3	0.73	11.3	4.24	9.9
250	0.09	12.5	0.67	12.5	1.45	12.5	0.57	12.5	3.80	12.3
275	0.06	13.8	0.54	13.8	1.18	13.8	0.45	13.8	3.17	13.8
300	0.04	15.0	0.44	15.0	0.97	15.0	0.36	15.0	2.63	15.0
325	0.03	16.3	0.36	16.3	0.81	16.3	0.29	16.3	2.21	16.3
350	0.01	17.5	0.30	17.5	0.67	17.5	0.23	17.5	1.88	17.5
375			0.24	18.8	0.57	18.8	0.18	18.8	1.61	18.8
400			0.20	20.0	0.48	20.0	0.14	20.0	1.38	20.0
425			0.16	21.3	0.40	21.3	0.10	21.3	1.19	21.3
450			0.13	22.5	0.34	22.5	0.07	22.5	1.04	22.5
475			0.10	23.8	0.28	23.8	0.04	23.8	0.90	23.8
500			0.08	25.0	0.23	25.0	0.02	25.0	0.78	25.0

Load tables are based on stress and deflection calculations, lateral torsional buckling is not considered.